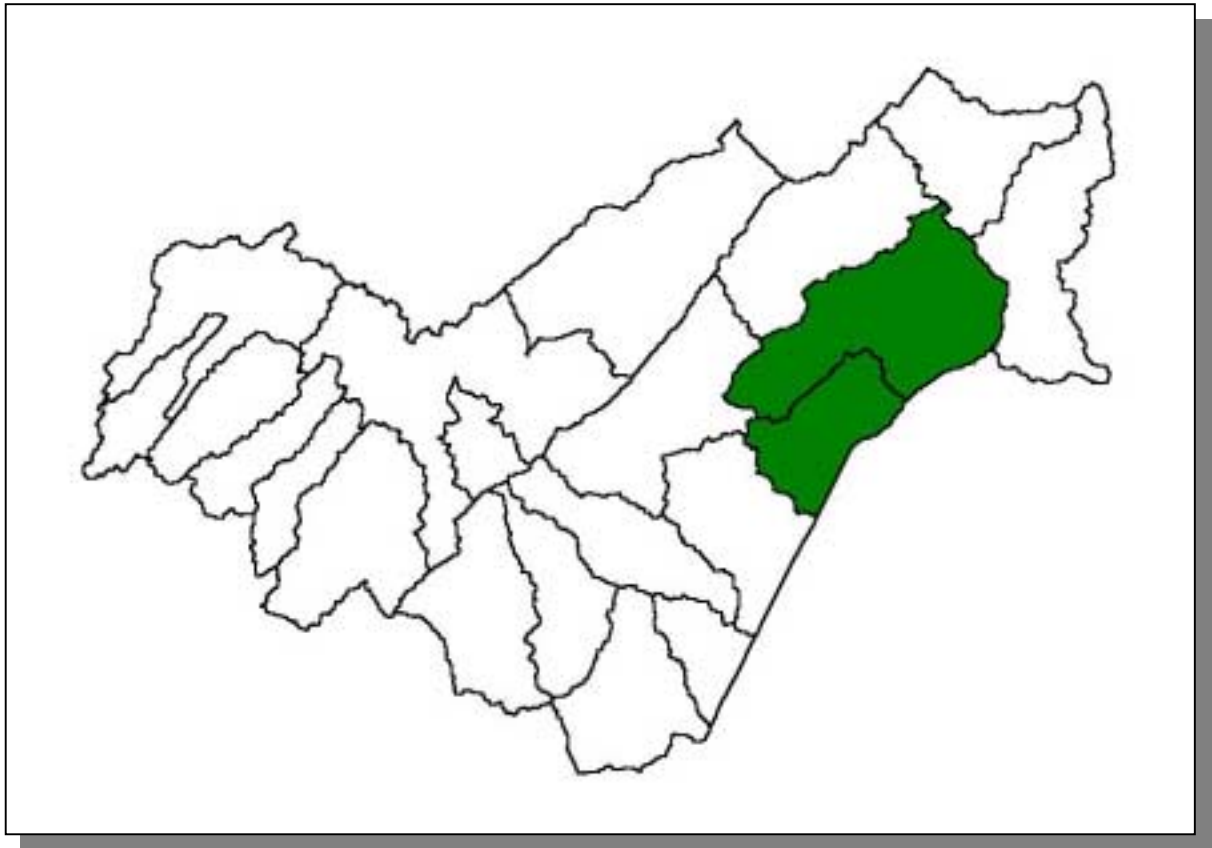
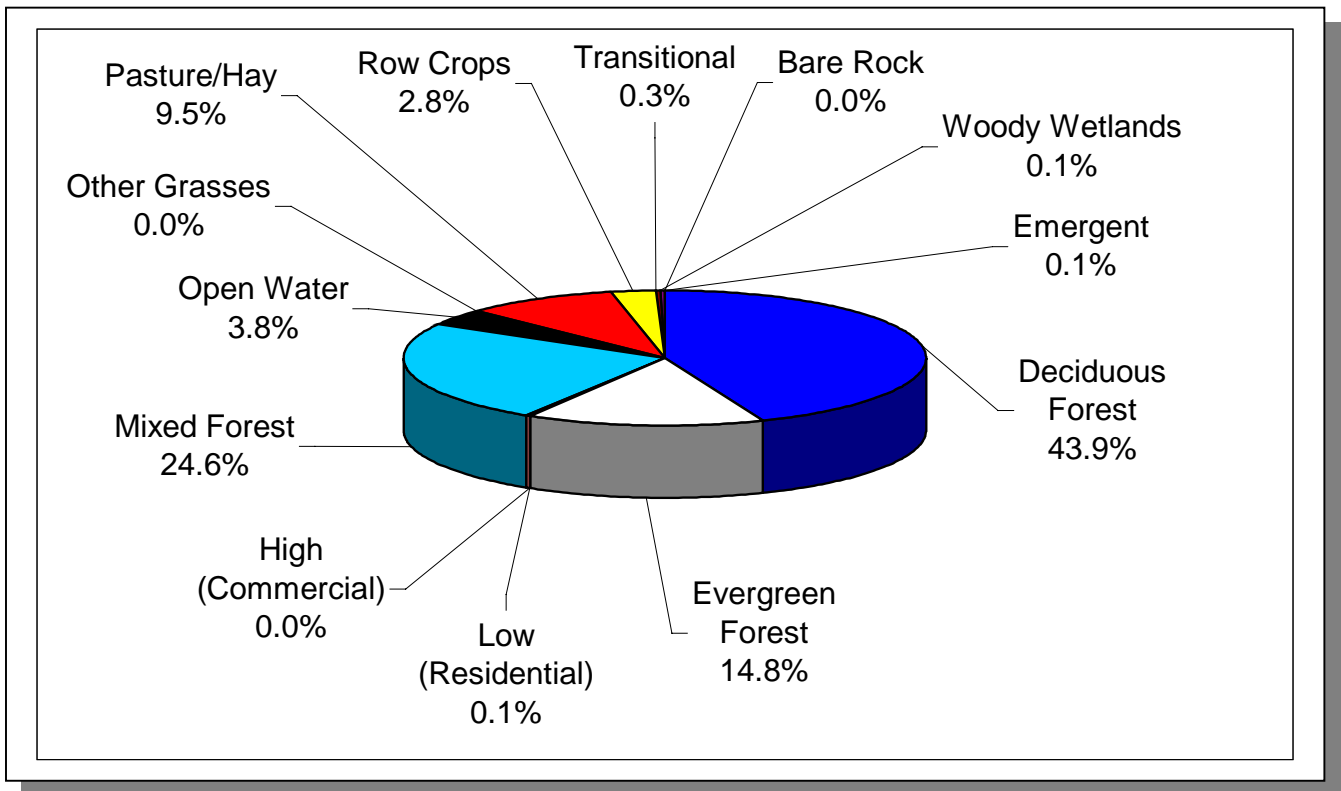


4.2.A. 06010103030.

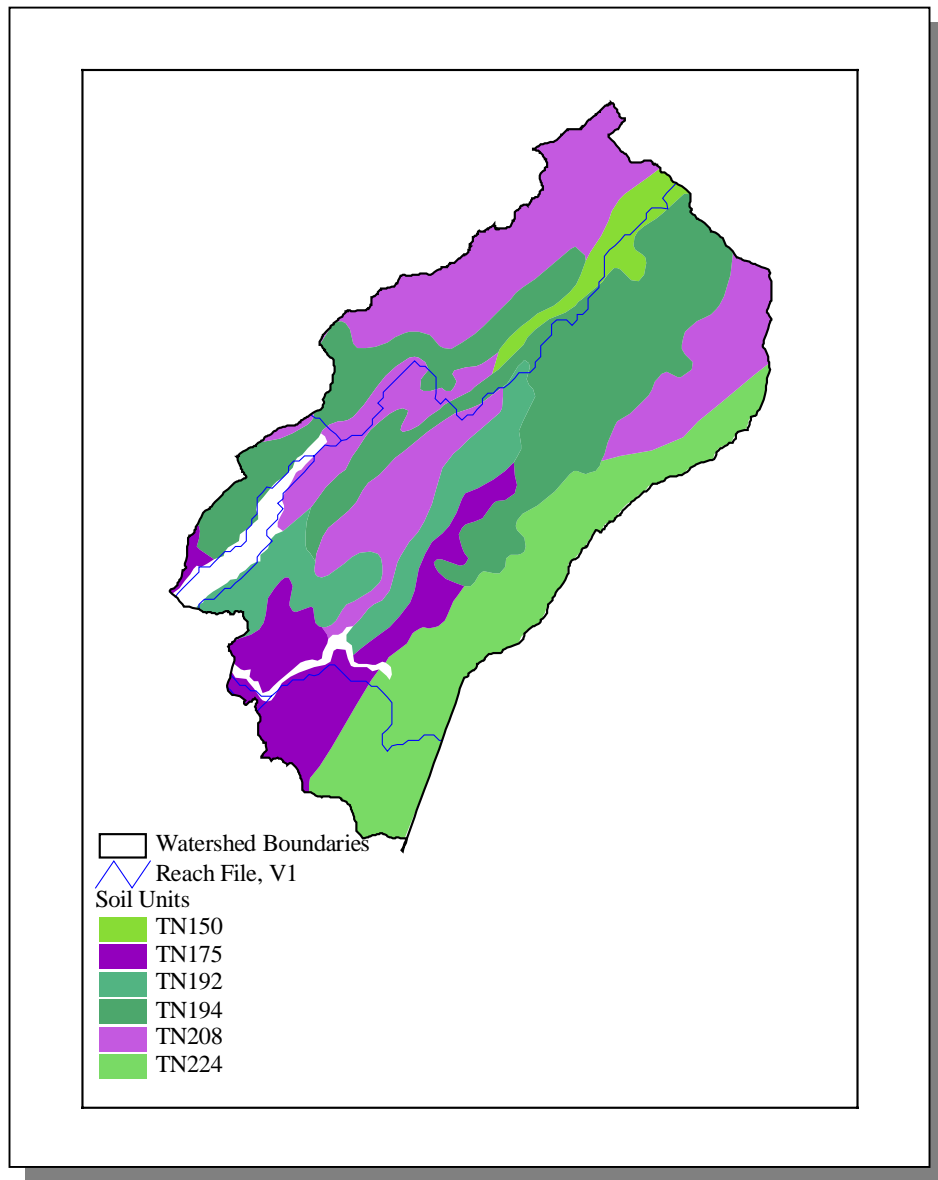


*Figure 4-2. Location of Subwatershed 06010103030. All Watauga HUC-14 subwatershed boundaries are shown for reference.*

**4.2.A.i. General Description.**



**Figure 4-3. Land Use Distribution in Subwatershed 06010103030.** More information is provided in Watauga-Appendix IV.



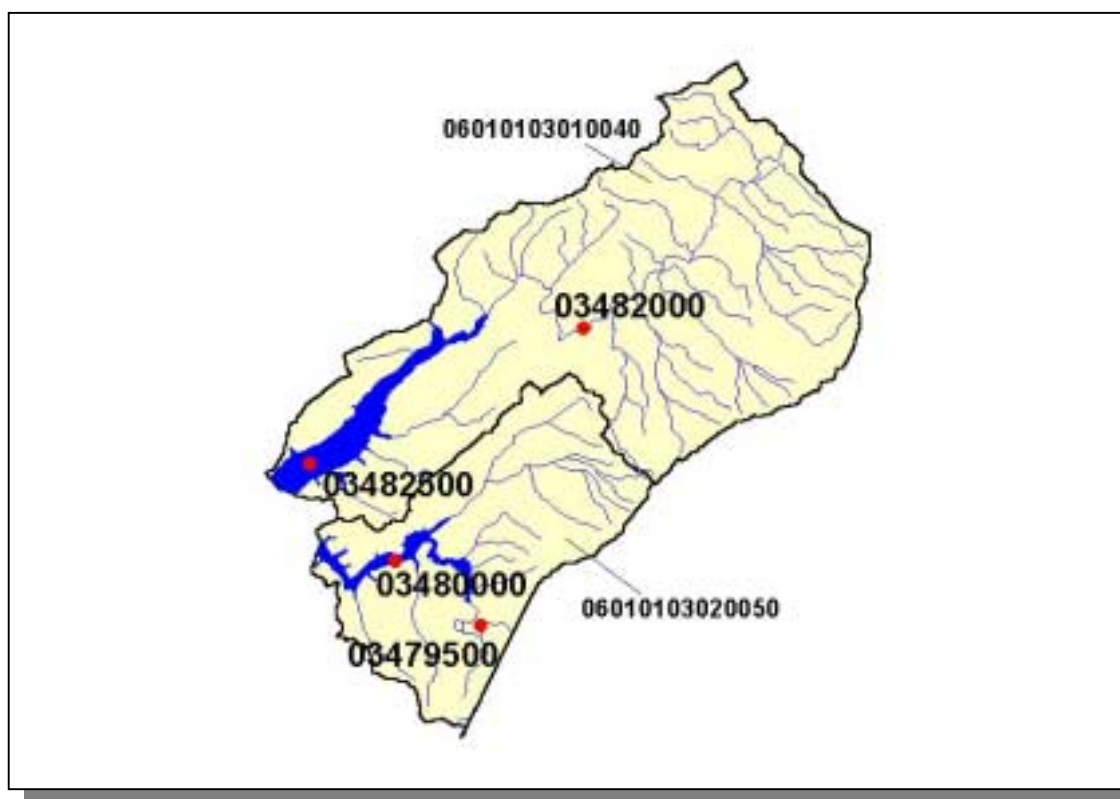
**Figure 4-4. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103030.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN150	6.00	C	1.68	5.63	Silty Loam	0.32
TN175	0.00	B	1.49	5.23	Loam	0.30
TN192	0.00	B	2.72	4.41	Sandy Loam	0.27
TN194	0.00	B	3.75	5.44	Loam	0.28
TN208	0.00	C	4.02	4.84	Loam	0.25
TN224	1.00	B	3.97	5.27	Loam	0.24

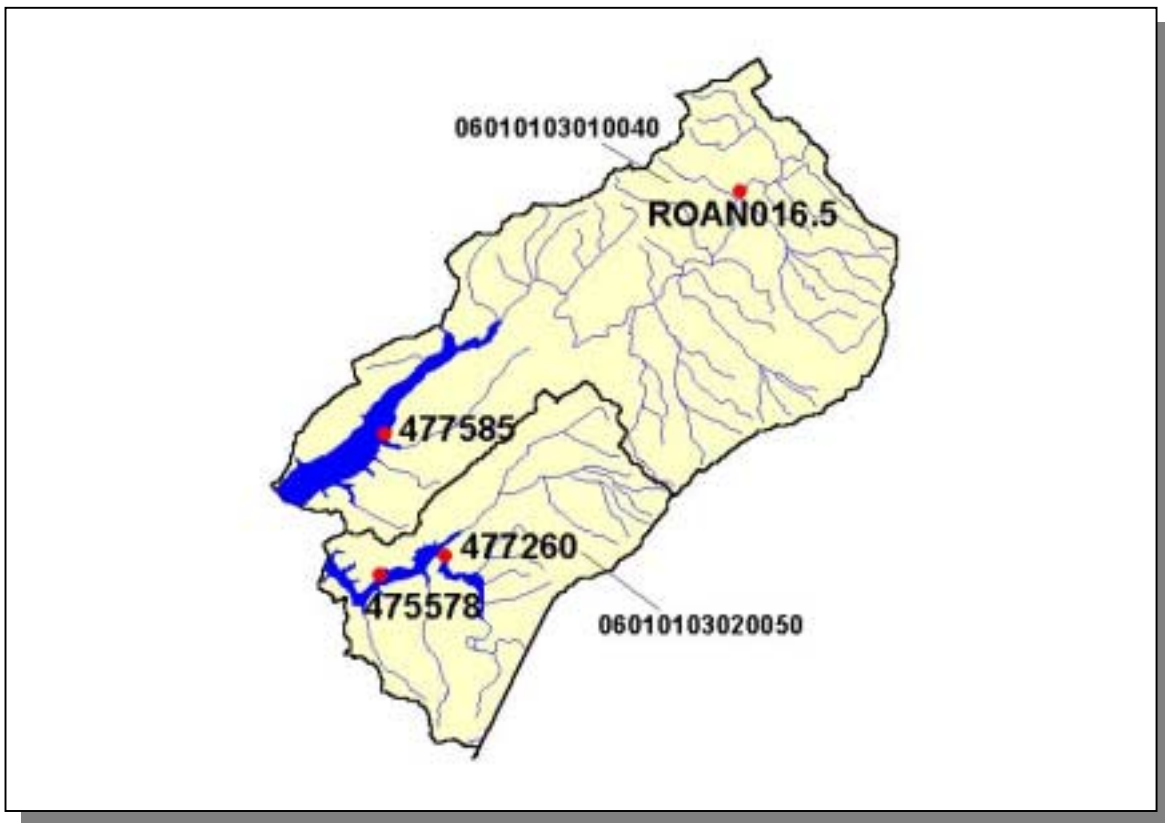
**Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103030.** More details are provided in Watauga-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Carter	51,505	53,132	0.21	106	109	2.8
Johnson	13,766	16,572	25.59	3,522	4,240	20.4
<b>Totals</b>	<b>65,271</b>	<b>69,704</b>		<b>3,628</b>	<b>4,349</b>	<b>19.9</b>

*Table 4-3. Population Estimates in Subwatershed 06010103030.*

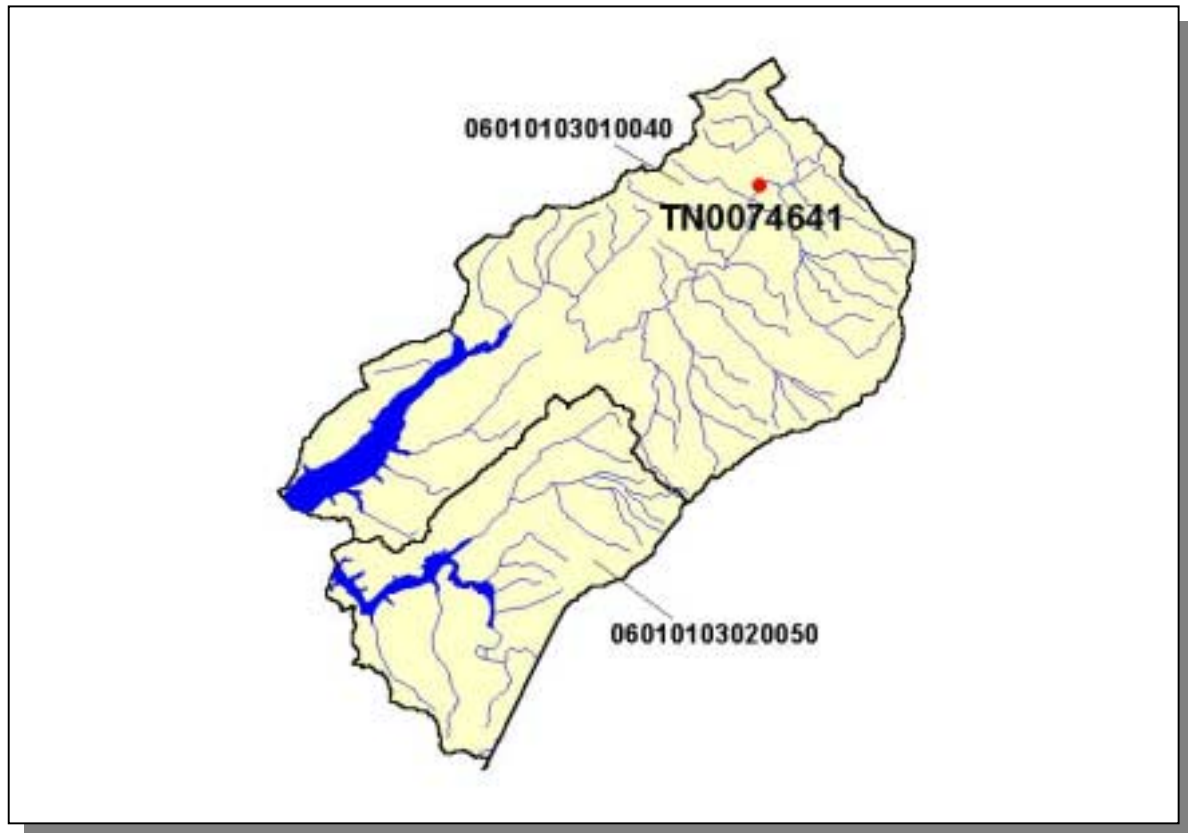


*Figure 4-5. Location of Historical Streamflow Data Collection Sites In Subwatershed 06010103030. Subwatershed 06010103010040 and 06010103020050 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.*

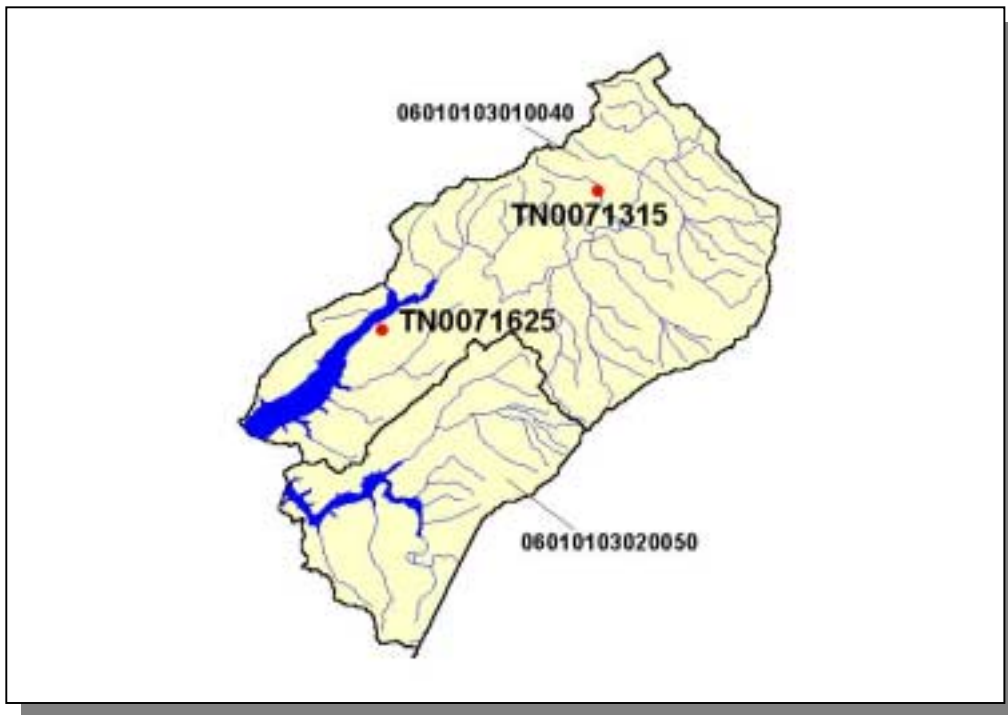


**Figure 4-6. Location of STORET Monitoring Sites in Subwatershed 06010103030.** Subwatershed 06010103010040 and 06010103020050 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.

4.2.A.ii Point Source Contributions.



**Figure 4-7. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010103030.** Subwatershed 06010103010040 and 06010103020050 boundaries are shown for reference. More information, including the names of facilities, is provided in Watauga-Appendix IV.



**Figure 4-8. Location of Active Mining Sites in Subwatershed 06010103030.** More information, including the names of facilities, is provided in Watauga-Appendix IV.

4.2.A.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
1,095	2,618	127	<5	19	41

**Table 4-4. Summary of Livestock Count Estimates in Subwatershed 06010103030.**  
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carter	161.3	155.5	3.4	12.4
Johnson	144.4	144.4	0.6	2.2
<b>Total</b>	<b>305.7</b>	<b>299.9</b>	<b>4.0</b>	<b>14.6</b>

**Table 4-5. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 06010103030.**

CROP	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Grass (Hayland)	0.40
Grass (Pastureland)	0.58
Grass, Forbs, Legumes (Mixed Pasture)	0.26
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.21
Corn (Row Crops)	4.76
Tobacco (Row Crops)	3.33
Legume Grass (Hayland)	0.03
Other Cropland Not Planted	0.12

**Table 4-6. Annual Estimated Total Soil Loss in Subwatershed 06010103030.**